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METHOD AND APPARATUS FOR MOLDING COMPOSITE MATERIAL

Patent Number: JP9117964
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Applicant(s): YOKOHAMA RUBBER CO LTD:THE
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Abstract

PROBLEM TO BE SOLVED: To produce a molded product high in quality accuracy by a simple method utilizing existing equipment by removing a low mol.wt. substance generated at a time of the molding of a composite material to the outside of a mold.

SOLUTION: In a lower mold equipped with a cavity 1, the upper mold 3 fitted to a lower mold 2 and a lower mold 2 of which the cavity is filled with a reinforcing fiber material 4 such as carbon fiber cloth or glass fibers, a vacuum suction pipe 5 equipped with a filter 10 a porous filter using a porous substance such as tetrafluoroethylene, ceramic graphite or an air permeable high mol.wt. polyethylene is connected to the upper mold 3. Piping 8 supplying a matrix resin 7 composed of a thermosetting resin housed in a matrix resin injection machine 6 into the cavity 1 is connected to the lower mold 2.

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(72)Inventor : SOEDA YOSHIHIRO

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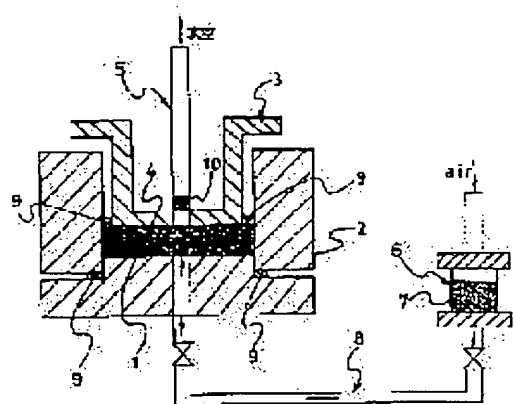
WATANABE JIRO

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